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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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heet	1	of	<u> </u>

C	Complete if Known					
Application Number	10/814,243					
Filing Date	April 1, 2004					
First Named Inventor	David Peter VAN HEERDEN					
Art Unit	3725					
Examiner Name	PARADISO, JOHN ROGER					
Attorney Docket Number	9118.0002					

Examiner Inlias	Cite	Document Number  Number-Kind Code <sup>2</sup> (if known)	Issue or Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Relevant Pa	imns, Lines, Where issages or Relevant ires Appear るいろ
X	3,	US-2003/164289 A1	09-04-2003	Weihs et al.		_
441/13	2005	US-2003/077474 A1	04-24-2003	Rabinkin et al.		
100	8	US-2002/179921 A1	12-05-2002	Cohn, Michael	/	
	MARTE	US-2001/046957 A1	11-29-2001	Weihs et al.		
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† —		US-6,413,800 B1	07-02-2002	Kyle, Robert		1
		US-5,965,576 A	09-21-1999	Pompeo et al.		
		US-5,477,009 A	12-19-1995	Brendecke et al.	1	<b>—</b>
	1	US-5,175,410 A	12-29-1992	Freedman et al.	-	1 -
		US-5,038,996 A	08-13-1991	Wilcox et al.		
-		US-4,715,526 A	12-29-1987	MacNeil et al.		
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Note: Copies of the U.S. Patent Documents are not Required in IDS filed after October 21, 2004

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Examiner Initials	Cite No.1	Foreign Patent Document  Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation
<b>X</b>	-	JP 2000/323593	11-24-2000	Yazaki Corp.		Abstract
		EP 0 907 064 A2	04-07-1999	Dinulescu, Horia A.		Abstract
	)	JP S57-102029 A	09-28-1982	HITACHI LTD.		Abstract
1						-

	NON PATENT LITERATURE DOCUMENTS	
Examiner Initials	Cite Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Translation <sup>6</sup>
	International Search Report and Written Opinion mailed February 11, 2005 in a corresponding application.	
9	"Technique for Obtaining an Environmentally Secure Adhesive Seal"; IBM Technical Disclosure Bulletin; December 1, 1986; pages 3085-3087; Vol. 29, No. 7; XP002025799; ISSN: 0018-8689; IBM Corp.; New York, US.	
	S. JAYARAMAN, O.M. KNIO, A.B. MANN, and T.P. WEIHS; "Numerical Predictions of Oscillatory Combustion in Reactive Multilayers"; Journal of Applied Physics; July 15, 1999; pp. 800-809; Vol. 86, No. 2.	
R	D. JOSELL, A. CEZAIRLIYAN, D. VAN HEERDEN, and B.T. MURRAY; "Thermal Diffusion Through Multilayer Coatings: Theory and Experiment"; NanoStructured Materials; 1997; pp. 727-736; Vol. 9, Nos. 1-8.	

Complete if Known IDS Form PTO/SB/08: Substitute for form 1449A/PTO Application Number 10/814,243 Filing Date April 1, 2004 INFORMATION DISCLOSURE David Peter VAN HEERDEN First Named Inventor STATEMENT BY APPLICANT 3725 Art Unit PARADISO, JOHN ROGER (Use as many sheets as necessary) Examiner Name 9118.0002 Attorney Docket Number

Sheet

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	S. JAYARAMAN, A.B. MANN, O.M. KNIO, D. VAN HEERDEN, G. BAO, and T.P. WEIHS; "Modeling Self- Propagating Exothermic Reactions In Multilayer Systems"; Materials Research Society Symposium Proceedings; 1998; pp. 563-568; Vol. 481.	
	K.J. BLOBAUM, D. VAN HEERDEN, A.J. GAVENS, and T.P. WEIHS; "Al/Ni Formation Reactions: Characterization of the Metastable Al₀Ni₂ Phase and Analysis of Its Formation"; Acta Materialia; 2003; pp. 3871-3884; Vol. 51, No. 13.	
1	A.J. SWISTON JR., T.C. HUFNAGEL, and T.P. WEIHS; "Joining Bulk Metallic Glass Using Reactive Multilayer Foils"; Scripta Materialia; 2003; pp. 1575-1580; Vol. 48.	
10	U. ANSELMI-TAMBURINI and Z.A. Munir; "The Propagation of a Solid-State Combustion Wave in Ni-Al Foils"; Journal of Applied Physics; November 15, 1989; pp. 5039-5045; Vol. 66, No. 10.	
1	A.J. GAVENS, D. VAN HEERDEN, A.B. MANN, M.E. REISS, and T.P. WEIHS; "Effect of Intermixing on Self-Propagating Exothermic Reactions in Al/Ni Nanolaminate Foils"; Journal of Applied Physics; February 1, 2000; pp. 1255-1263; Vol. 87, No. 3.	

Examiner Signature	and .	Date Considered	3/16/	06

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in confermance and not considered. Include copy of this form with next communication to applicant.

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WIT	2005	US-2003/077474 A1	04-24-2003	Rabinkin et al.		_
-	1	US-2002/179921 A1	12-05-2002	Cohn, Michael		T -
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		International Search Report and Written Opinion mailed February 11, 2005 in a corresponding application.	
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7_		S. JAYARAMAN, O.M. KNIO, A.B. MANN, and T.P. WEIHS: "Numerical Predictions of Oscillatory Combustion in Reactive Multilayers"; Journal of Applied Physics; July 15, 1999; pp. 800-809; Vol. 86, No. 2.	
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Signature	Considered 2/16/06	1
Signature		

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